

**STIC Biotechnology Systems Branch**

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

10/529,639  
PG#  
46-05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses.

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

RECT AVAILABLE COPY

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 10/529/639

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1. **Wrapped Nucleics** The number text at the end of each line "wrapped" down to the next line. This may occur if your file was received in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2. **Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.

3. **Misaligned Amino Numbering** The numbering under each 5' amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

4. **Non-ASCII** The submitted file was not saved in ASCII(DOS) text as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

5. **Variable Length** Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>.<223> section that some may be missing.

6. **PatentIn 2.0 "bug"** A "bug" in PatentIn version 2.0 has caused the <220>.<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>.<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>.<223> sections for Artificial or Unknown sequences.

7. **Skipped Sequences (OLD RULES)** Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading)  
(ii) SEQUENCE DESCRIPTION SEQ ID NO X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES" response to include the skipped sequence.

8. **Skipped Sequences (NEW RULES)** Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
<210> sequence id number  
<400> sequence id number  
000

9. **Use of n's or Xaa's (NEW RULES)** Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.82 of Sequence Rules, use of <220>.<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10. **Invalid <213> Response** Per 1.82 of Sequence Rules, the only valid <213> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>.<223> section is required when <213> response is Unknown, Artificial Sequence.

11. **Use of <220>**

Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 00/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.82 of Sequence Rules)

12. **PatentIn 2.0 "bug"**

Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13. **Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid.

BEST AVAILABLE COPY



PCT

## RAW SEQUENCE LISTING

DATE: 04/06/2005

PATENT APPLICATION: US/10/529,639

TIME: 15:46:05

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529639.raw

3 <110> APPLICANT: RIKEN  
 5 <120> TITLE OF INVENTION: Polypeptide which composes human domain and the use  
 6 thereof  
 8 <130> FILE REFERENCE: P02-0087PCT  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/529,639  
 C--> 11 <141> CURRENT FILING DATE: 2005-03-31  
 13 <150> PRIOR APPLICATION NUMBER: JP 2002-289209  
 14 <151> PRIOR FILING DATE: 2002-10-01  
 16 <160> NUMBER OF SEQ ID NOS: 12  
 18 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not  
 Corrected

(pg. 1-2)

## ERRORED SEQUENCES

230 <210> SEQ ID NO: 12  
 231 <211> LENGTH: 20  
 232 <212> TYPE: DNA  
 233 <213> ORGANISM: Artificial Sequence  
 235 <220> FEATURE:  
 236 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer  
 238 <400> SEQUENCE: 12  
 239 gctcttggtca ttgtgcttcg 20  
 E--> 247 1  
 E--> 251 1/9

PLS  
 delete

10/529,639

Page 2

<210> 5  
<211> 132  
<212> PRT

<213> Artificial Sequence

Pls explain source of  
genetic material.

<220>

<223> ?????1????????????N????C???????????

????????????????

What is  
this?

<400> 5

Gly Ser Ser Gly Ser Ser Gly Ser Ser Ser Ser Gln His Phe Asn Leu  
1 5 10 15

Asn Phe Thr Ile Thr Asn Leu Pro Tyr Ser Gln Asp Ile Ala Gln Pro  
20 25 30

Ser Thr Thr Lys Tyr Gln Gln Thr Lys Arg Ser Ile Glu Asn Ala Leu  
35 40 45

Asn Gln Leu Phe Arg Asn Ser Ser Ile Lys Ser Tyr Phe Ser Asp Cys  
50 55 60

Gln Val Leu Ala Phe Arg Ser Val Ser Asn Asn Asn Asn His Thr Gly  
65 70 75 80

Val Asp Ser Leu Cys Asn Phe Ser Pro Leu Ala Arg Arg Val Asp Arg  
85 90 95

Val Ala Ile Tyr Glu Glu Phe Leu Arg Met Thr His Asn Gly Thr Gln  
100 105 110

Leu Leu Asn Phe Thr Leu Asp Arg Lys Ser Val Phe Val Asp Ser Gly  
115 120 125

Pro Ser Ser Gly  
130

Pls see  
item #  
11 on error  
summary  
sheet.

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/529,639

DATE: 04/06/2005

TIME: 15:46:06

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\04062005\J529639.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:247 M:254 E: No. of Bases conflict, this line has no nucleotides.

M:254 Repeated in SeqNo=12

L:251 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2

L:251 M:252 E: No. of Seq. differs, &lt;211&gt; LENGTH:Input:20 Found:21 SEQ:12